
JOB TITLE: Medicinal Chemist (Isolation/Synthesis)
Department: Isolation & Process Chemistry Services (210)

Reports to: **Director of Technology**

Location: **Boulder, CO**

Hours per week: **40 hrs.**

Posting Date: **05/12/16**

Classification: **Exempt**

Salary: **DOE**

Schedule: **Mon. to Fri. generally 8:30 am to 5:30 pm**

Posting Expiration Date: **Until position is filled**

JOB DESCRIPTION: ChromaDex Analytics has an immediate opening for a full-time Medicinal Chemist with strong commitment to excellence and integrity. In this role, the Medicinal Chemist is responsible for leading projects involving synthetic organic reactions via manipulation of smaller organic building blocks while evaluating efficiency and outcome of isolation or synthesis projects for areas of improvement or modification. The position will use their expertise in effectively designing and/or carrying out experiments to maximize yield and purity as well as meet tight deadlines.

Main duties include:

- Manage various isolation and synthesis projects
- Conduct synthesis of target compounds using known or novel organic reaction methodologies
- Evaluate efficiency and outcome of isolation or synthesis projects
- Perform purification/Isolation of products obtained by known or novel techniques
- Monitor reaction progress, assess purity and elucidate identity by conducting analytical testing using HPLC, GC, NMR or other applicable method
- Write and edit reports, methods, and Standard Operating Procedures as required

Other duties may also include:

- Conduct scale-up processes as needed
- Write technology transfer packages for internal and customer projects
- Create pertinent reports and/or providing project updates
- Maintain a detailed, legible and organized laboratory notebook
- Assist with maintaining a functional process and isolation chemistry laboratory space
- Maintain a safe and organized laboratory bench and environment
- Maintain the hazardous chemical inventory
- Conduct cross-functional laboratory tasks as needed

Required Competencies:

- Ability to work independently as well as in a team environment
- Ability to plan daily routines / prioritize tasks and meet specific project goals
- Must possess strong communication, multi-tasking, organizational and prioritization skills

Desired Skills/Knowledge:

- Extensive knowledge of organic chemistry reaction mechanisms and chemical reactivity with a strong ability to put these to practice in the laboratory.
- Ability to research relevant literature and databases to gather pertinent information
- Possesses a mechanical aptitude
- Experience in scale-up process a plus
- Strong NMR interpretation skills including (Proton, Carbon, COSY, NOSY, HMBC)

Training, Education, Experience:

- B.S. degree in Organic Chemistry + 5 year experience, M.S. Degree in Organic Chemistry + 3 years of experience
- 1+ years of applicable experience in analytical instrumentation (e.g. HPLC, GC, MS, NMR), including methodology and processing

Working Conditions:

- Must be able to perform routine tasks repeatedly, efficiently, and accurately in a time dependent manner
- Must be comfortable working in a laboratory for extended periods, and be able to function safely and effectively in a laboratory setting
- Must be able to work under the environmental challenges associated with handling raw materials, plant materials, or fine chemicals.

Interested candidates: Please email resumes to hr@chromadex.com with the heading “**Medicinal Chemist**” for review and consideration. Applicants who do not meet the minimum requirements will not be considered. Selected candidates who meet the minimum requirements will be contacted for phone interviews, however, due to the volume of applicants, no confirmation will be provided of application status. All replies are confidential and at the company’s discretion.

NO Staffing Agencies or Recruiters please.
Unsolicited services or offers will not be accepted at this time.

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